

**COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: HEPATITIS B VIRUS POLYPEPTIDES

the specification of which (check one)

X is attached hereto.

____ was filed on _____ in the United States Patent
and Trademark Office as Application Serial No. _____
and was amended on _____ N/A _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365 of any foreign application(s) for patent or inventor's certificate or PCT International Application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT

International Application having a filing date before that of the application on
which priority is claimed:

| | | | Priority Claimed |
|-------------------|----------------|---------------------------------|------------------|
| 9720033.1 | United Kingdom | September 19, 1997 (9/19/97) | X |
| (Application No.) | (Country) | (Filing Date) | Yes No |

I hereby claim the benefit under Title 35, United States Code,
Section 119(e) of any United States Provisional Application(s) listed below:

| | |
|-------------------|---------------|
| N/A | |
| (Application No.) | (Filing Date) |

I hereby claim the benefit under Title 35, United States Code,
Section 120 of any United States Application(s) or any PCT International
Application(s) designating the United States of America, listed below and, insofar
as the subject matter of each of the claims of this application is not disclosed in the
prior United States or PCT International Application in the manner provided by the
first paragraph of Title 35, United States Code, Section 112, I acknowledge the
duty to disclose information which is material to patentability as defined in Title
37, Code of Federal Regulations, Section 1.56 which became available between
the filing date of the prior application and the national or PCT international filing
date of this application:

| | | |
|-------------------|------------------------------|-------------------------------|
| PCT/GB98/02852 | September 21, 1998 (9/21/98) | Pending |
| (Application No.) | (Filing Date) | (Status) |
| | | (patented, pending/abandoned) |

I hereby appoint the following attorney(s) and/or agent(s) to
prosecute this application and to transact all business in the U.S. Patent and
Trademark Office connected therewith: Thomas E. Popovich (Reg. No. 30,099),
Terry L. Wiles (Reg. No. 29,989), Patrick J. O'Connell (Reg. No. 33,984),
Christopher D. Gram (Reg. No. 43,643), Miriam G. Simmons (Reg. No. 34,727),
and Arlene L. Hornilla (Reg. No. 44,776).

Address all telephone calls to: Thomas E. Popovich at (612) 334-8989.
Address all telefaxes to: Thomas E. Popovich at (612) 334-8994.

Address all correspondence to: Thomas E. Popovich, Popovich & Wiles, PA, Suite 1902, IDS Center, 80 South 8th Street, Minneapolis, Minnesota 55402-2111.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Steven Neville Chatfield
Full name of sole inventor

X
Inventor's signature

Date

Residence

United Kingdom Citizenship

Department of Infectious Diseases,
Imperial College School of Medicine
at the Hammersmith Campus,
Du Cane Road, London W12 0NN
United Kingdom

Post Office Address